

Fig. 1

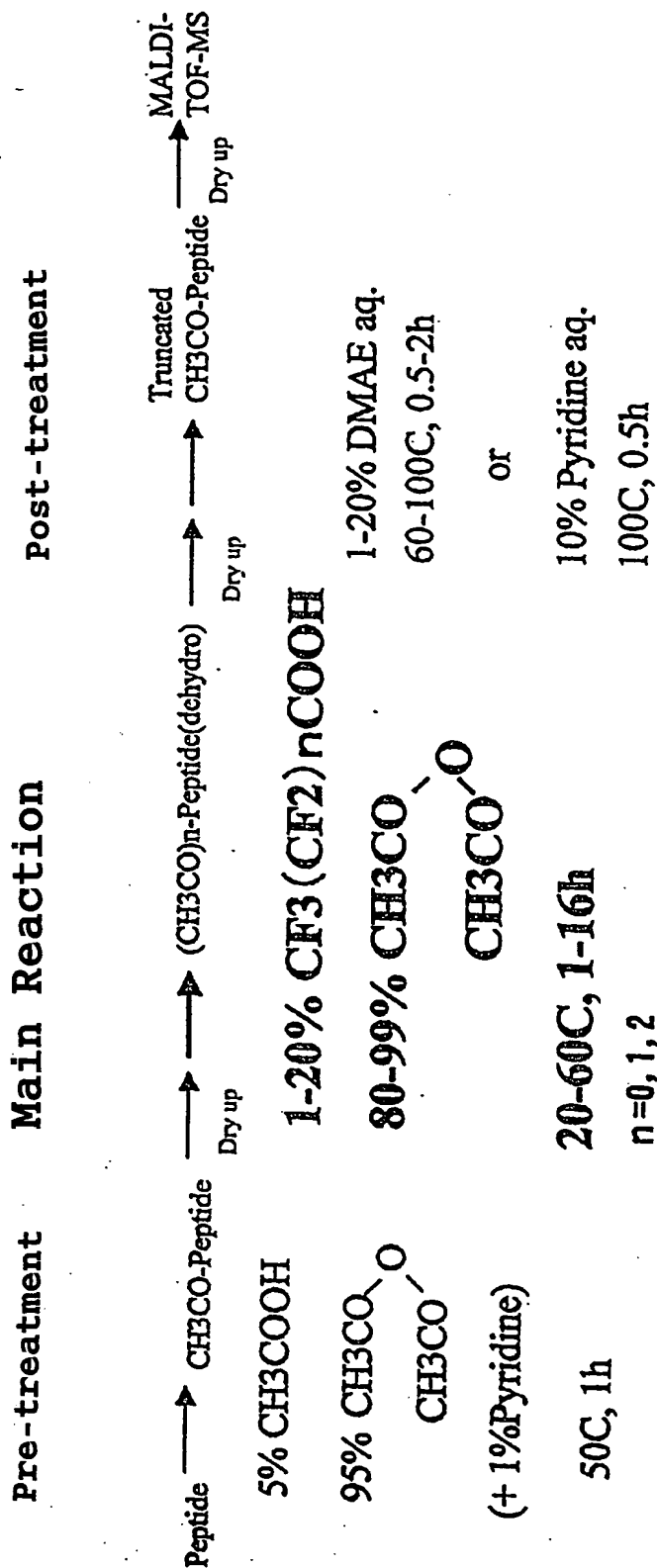


Fig. 2

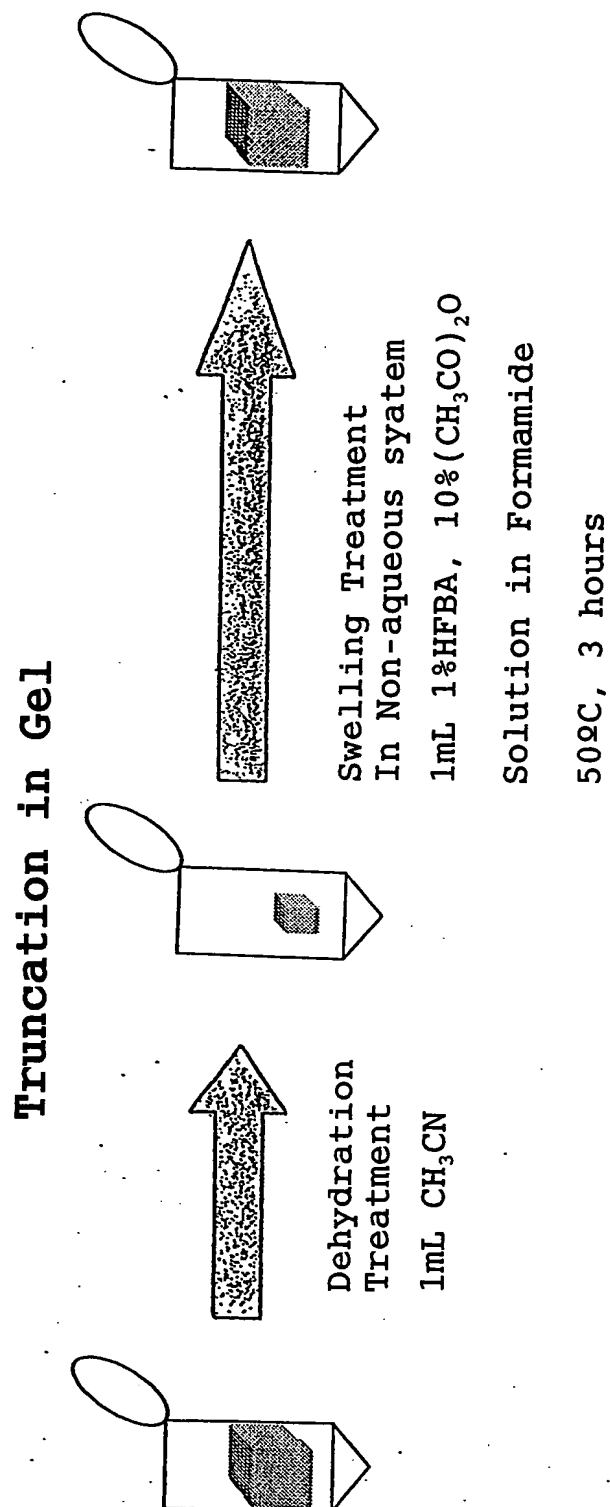


Fig. 3

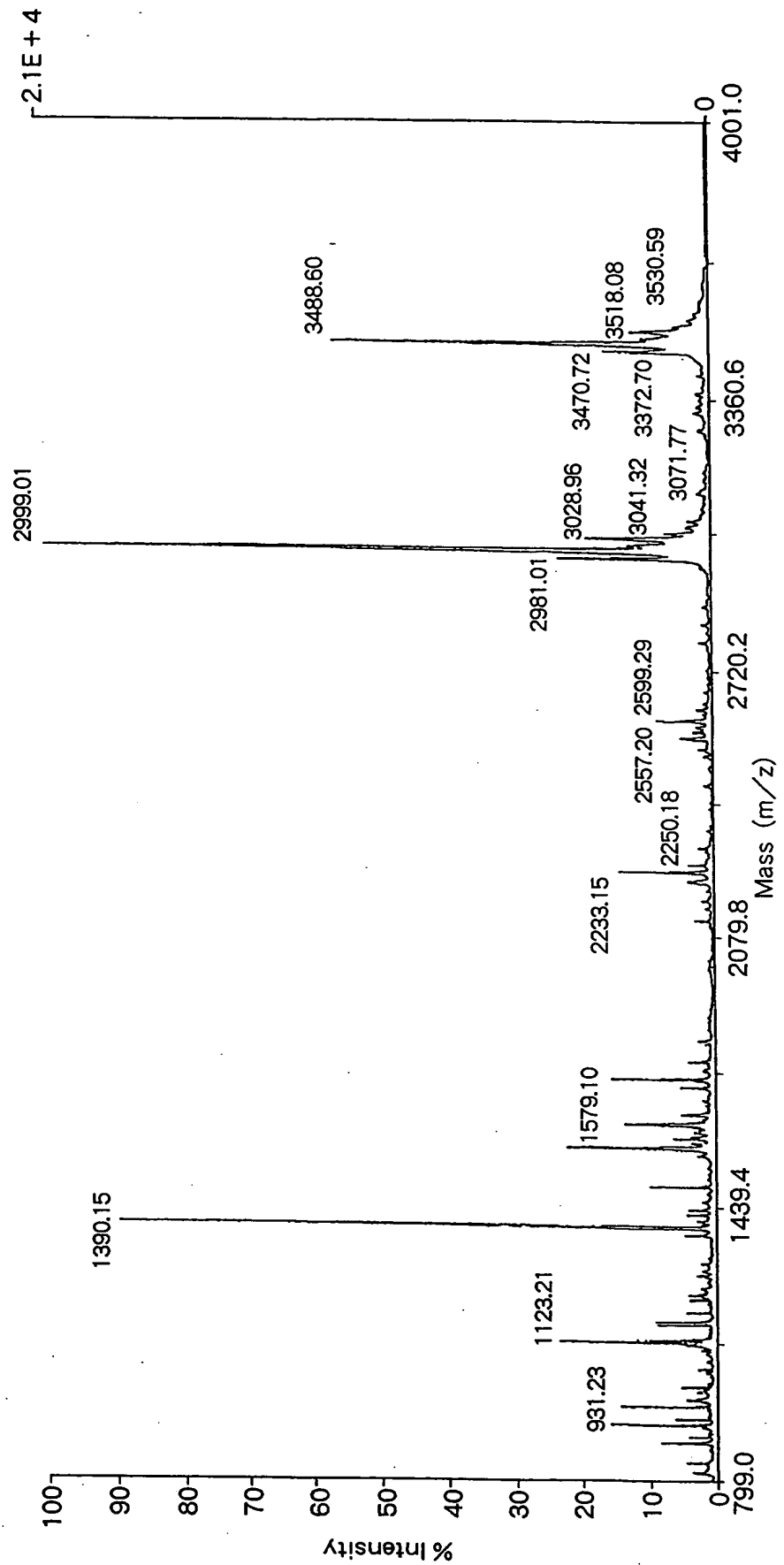
MALDI-TOF MS on positive mode**Mb, 3h in test tube**

Fig. 4

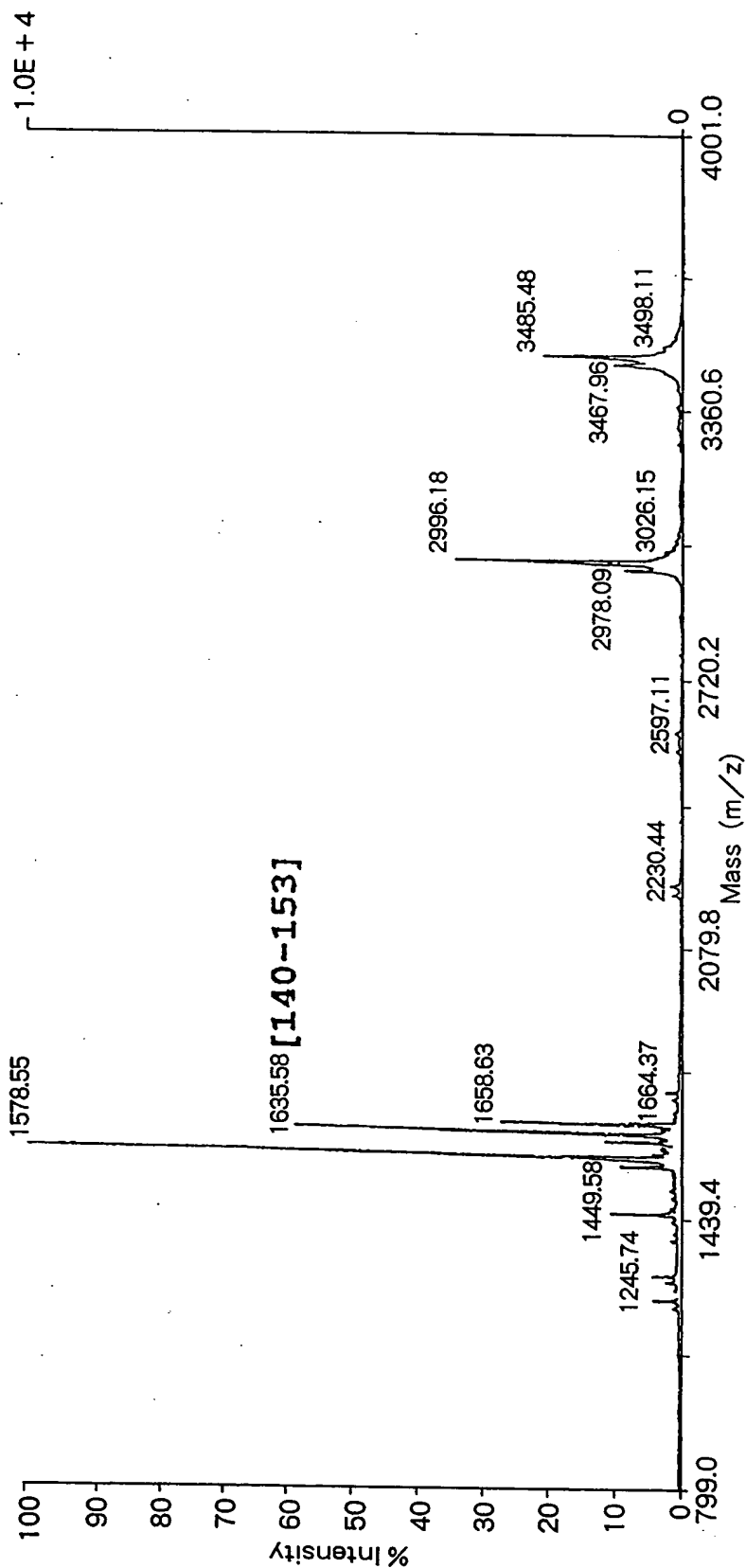
MALDI-TOF MS on negative mode**Mb, 3h in test tube**

Fig. 5

Mb truncation in gel on negative mode

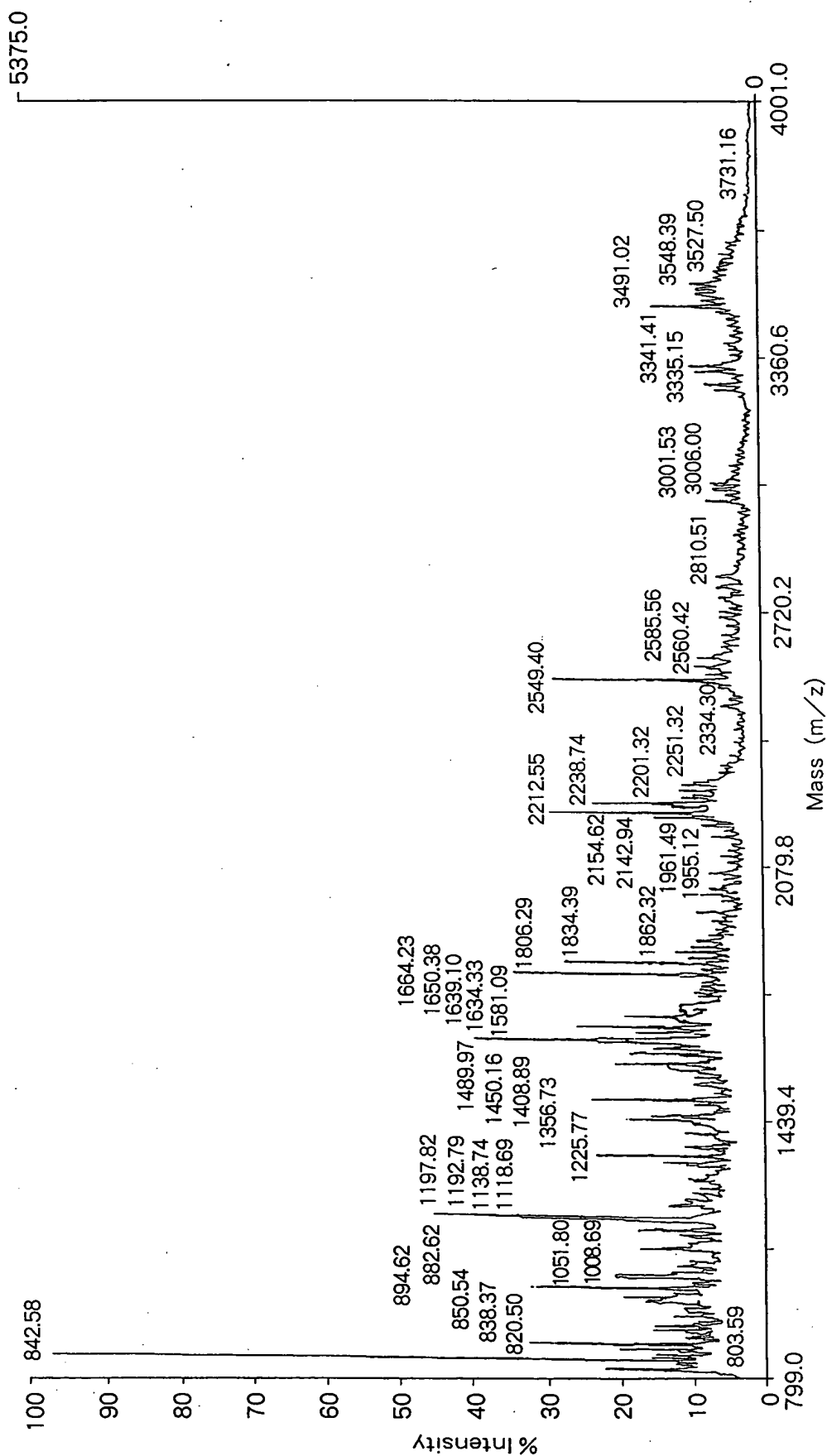


Fig. 6

Mb truncation in gel on positive mode

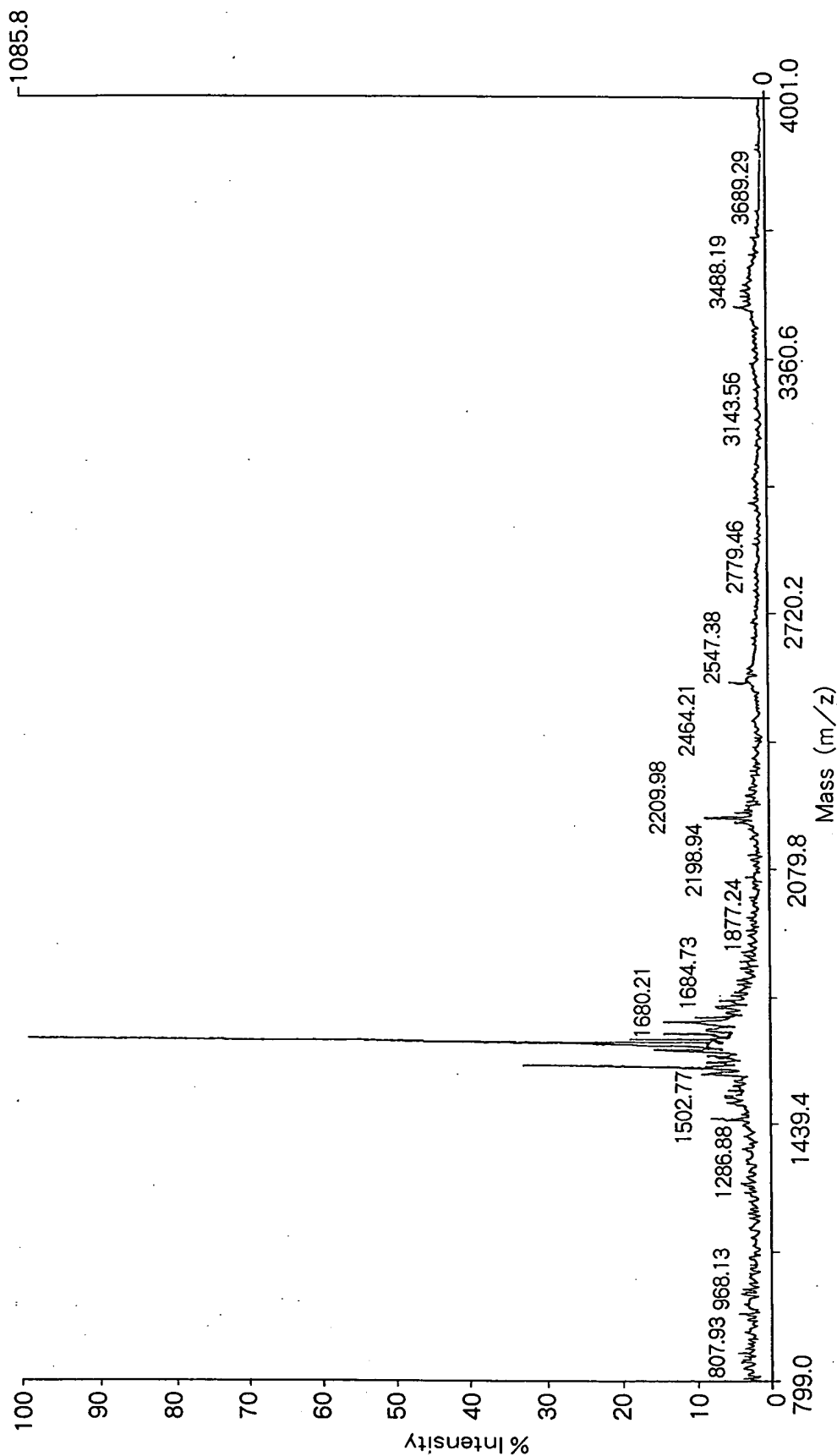


Fig. 7

myoglobin - horse

[1 - 153] mass = 17738.180

Cleavage at R

Small polar : D(7) E(13) N(3) Q(6)
 Large polar : K(19) R(2) H(11)
 Small non-polar : S(5) T(7) A(15) G(15)
 Large non-polar : L(17) I(9) V(7) M(2) F(7) Y(2) W(2)
 Special : C(0) P(4)

K[16] + 42.04 K[42] + 42.04 K[45] + 42.04 K[47] + 42.04
 K[50] + 42.04 K[56] + 42.04 K[62] + 42.04 K[63] + 42.04
 K[77] + 42.04 K[78] + 42.04 K[79] + 42.04 K[87] + 42.04
 K[96] + 42.04 K[98] + 42.04 K[102] + 42.04 K[118] + 42.04
 K[133] + 42.04 K[145] + 42.04 K[147] + 42.04

1 GLSDGEWQQVLNVWG*VEAD IAGHGQEVLI 30
 31 Rlftghpetle*fd*f*hl*teaem*ased 60
 61 l***hgtvvtalggil***ghheael*pla 90
 91 qshat*h*ipi*ylefisdaiihvlhs*hp 120
 121 gnfgadaqgamt*aalelfrNDIAA*Y*ELG 150
 151 FQG 153

(1) [1-31] = 3444.742 (2) [32-139] = 12692.649 (3) [140-153] = 1636.809

Fig. 8

C-terminal Truncation Reaction

Sample: N-acetyl-Glu¹-Fibrino peptide

AC-EGVNDNEEGFFSAR

